

TABLE 3 Target sites and recognition helix sequences of human VEGF-targeted ZFPs

ZFP NAME	TARGET	SEQ. ID NO	F 1	SEQ ID NO	F 2	SEQ ID NO	F 3	SEQ ID NO	K _d (nM)
BVO 13A	ATGGACGGG	1	RSDHLAR	30	DRSNLTR	59	RSDALTO	88	<.02
EP10A	KGGGCTGG	2	RSDHLTT	31	DRSHLAR	60	RSDHLSK	89	0.35
GATA82Z678	GAGKKGYG	3	RLDSLRR	32	DRDHLTR	61	RSDNLAR	90	1.8
HBV 3	GGGGAGGW	4	QTGHLRR	33	QSGHLQR	62	RSDHLSR	91	30
HP38 4A	GGDTGGGGG	5	RSDHLAR	34	RSDHLTT	63	QRAHLAR	92	0.75
HUM 17A	ARGGGGAG	6	RSDNLAR	35	RSDHLSR	64	RSDNLTO	93	<.02
HUM 19A	TGGGCAGAC	7	DRSNLTR	36	QSGDLTR	65	RSDHLTT	94	0.02
MTS 5A	TGGGGGTGG	8	RSDHLTT	37	RSDHLTR	66	RSDHLTT	95	0.07
MX1E	ATGGACGGG	9	RSDHLAR	38	DRSNLTR	67	RSDALSA	96	3.4
PDF 5A	GYAGGGGCC	10	DRSSLTR	39	RSDHLSR	68	QSGSLTR	97	.23
RAT 24A	GDGGAAGHC	11	ERGTLAR	40	QSGNLAR	69	RSDALAR	98	<.02
SAN 16A	AKGGAAGGG	12	RSDHLAR	41	QSGNLAR	70	RSDALRQ	99	1.03
USX 3A	GCCGGGGAG	13	RSDNLTR	42	RSDHLTR	71	DRSDLTR	100	0.06
VEGF 1	GGGAGGVK	14	TTSNLRR	43	RSSNLQR	72	RSDHLSR	101	2.83
VEGF 1*	GGGAGGVK	15	TTSNLRR	44	RSSNLQR	73	RSDHLSR	102	3
VEGF 1A	GGGAGGVK	16	TTSNLRR	45	RSDNLQR	74	RSDHLSR	103	0.2
VEGF 1B	GGGAGGAT	17	QSSNLAR	46	RSDNLQR	75	RSDHLSR	104	2
VEGF 1C	GGGVGGAT	18	TTSNLAR	47	RSDNLQR	76	RSDHLSR	105	1
VEGF 1D	GGGAGGMT	19	QSSNLRR	48	RSDNLQR	77	RSDHLSR	106	2
VG 10A	GAWGGGGC	20	DSGHLTR	49	RSDHLTR	78	QSGNLTR	107	ND
VG 1B	ATGGGGGTG	21	RSDALTR	50	RSDHLTR	79	RSDALTO	108	ND
VG 4A	GGGGCTGG	22	RSDHLTT	51	DRSHLAR	80	RSDHLSR	109	ND
VG 8A	GDGTGGGN	23	QSSHLAR	52	RSDHLTT	81	RSDALAR	110	.35
VOP 28A-2	GGGGCGCT	24	QSSDLRR	53	DRSHLAR	82	RSDHLSR	111	<.02
VOP 30A-4	GCTGGGGC	25	DRSHLTR	54	RSDHLTR	83	QSSDLTR	112	<.02

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VOP 32A-6	GGGGGTGAC	26	DRSNLTR	55	MSHLSR	84	RSDHLSR	113	<.02
VOP 32B-7	GGGGGTGAC	27	DRSNLTR	56	TSGHLVR	85	RSDHLSR	114	<.02
VOP 35A-10	GCTGGAGCA	28	QSGSLTR	57	QSGHLQR	86	QSSDLTR	115	<.02
ZEN-7A 1	GGGGHGGCT	29	QSSDLRR	58	QSSHLAR	87	RSDHLSR	116	.63
VOP 29A-3	GAGGCTTGG	244	DRSDHLTR	51	QSSDLTR	112	RSDNLTR	42	<.02
VOP 32-C	GGGGGTGAC	26	DRSNLTR	55	TSGHLTR	245	RSDHLSR	68	ND
VOP 32-D	GGGGGTGAC	26	DRSNLTR	55	TSGHLIR	246	RSDHLSR	68	ND
VOP 32-E	GGGGGTGAC	26	DRSNLTR	55	TSGHLSR	247	RSDHLSR	68	ND
VOP 32-F	GGGGGTGAC	26	DRSNLTR	55	TSGHLAR	248	RSDHLSR	68	ND
VOP 32-G	GGGGGTGAC	26	DRSNLTR	55	TSGHLRR	249	RSDHLSR	68	ND
VOP 32-H	GGGGGTGAC	26	DRSNLTR	55	TAGHLVR	250	RSDHLSR	68	ND
VOP 32-I	GGGGGTGAC	26	DRSNLTR	55	TTGHLVR	251	RSDHLSR	68	ND
VOP 32-J	GGGGGTGAC	26	DRSNLTR	55	TKDHLVR	252	RSDHLSR	68	ND

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ZFP NAME	TARGET	SEQ ID NO	F 1	SEQ ID NO	F 2	SEQ ID NO	F 3	SEQ ID NO	F 4	SEQ ID NO	F 5	SEQ ID NO	F 6	SEQ ID NO
BVO 10A-9A	GTGGAGGGGTCGGGGCT	117	QSSDLRR	120	RSDHLTR	123	DRSALAR	126	RSDHLAR	129	RSDNLAR	132	RSDALTR	135
BVO 12A-11B	GGAGAGGGGGCYGCAGTG	118	RSDALTR	121	QSGDLTR	124	ERGDLTR	127	RSDHLAR	130	RSDNLAR	133	QSGHLQR	136
BVO 14B-13A	ATGGACGGGtGAGGYGGYG	119	RSDELTR	122	RSDELTR	125	RSDNLAR	128	RSDHLAR	131	DRSNLTR	134	RSDALTR	137